In the Specification:

Please amend the specification as shown:

Please delete the paragraph on page 13, lines 4-19, and replace it with the following paragraph:

Two homopyrimidine light-up probes, H-CCTTTTTCCC-NH_2 **(SEQ ID NO: 5)** (IgLκLUP) and CCTCCTCTCT-NH2 **(SEQ ID NO: 6)** (IgLλLUP), directed against PCR amplification products of the constant regions in the human immunoglobulin kappa (IgLκ) and lambda (IgLλ) light-chains respectively, were designed. Both probes are homopyrimidine sequences, which are known to exhibit very large signal enhancement upon target binding (Svanvik N, Nygren J, Westman G, Kubista M: Free-probe fluorescence of light-up probes. J Am Chem Soc 2001, 123:803-809). Both probes had the thiazole orange derivate, N-carboxypentyl-4- [(3'-methyl-1',3'-benzothiaxol-2'-yl) methylenyl] quinolinium iodide (TO-N-5-COOH), as label. They were synthesized by solid phase synthesis and purified twice by reverse phase HPLC as described (Svanvik N, Westman G, Wang D, Kubista M: Light-up probes: thiazole orange-conjugated peptide nucleic acid for detection of target nucleic acid in homogeneous solution. Anal Biochem 2000, 281:26-35). Probe concentrations were determined spectroscopically assuming molar absorptivities at 260nm of 83,100 M^{-1} cm^{-1} for IgLκLUP and 81,100 M^{-1} cm^{-1} for IGLλLUP.[7] The probes were designed to have melting temperatures (T_m) of 65-70°C, which is in between the annealing ($T_{annealing}$ = 55°C) and elongation ($T_{elongation}$ = 74°C) temperatures of the PCR:s.

Please delete the paragraph on page 13, line 29, to page 14, line 11, and replace it with the following paragraph:

PCR systems were designed for a 231 bp fragment of the human IgLκ (GenBank accession number AK024974) and a 223bp fragment of the human IgLλ (GenBank accession number X51755) comprising the IgLκLUP and IgLλLUP target sequences, respectively. Reaction conditions were optimized as described elsewhere (Kubista M, Stahlberg A, Bar T; Light-up probe based real-time Q-PCR. Proceedings of SPIE, in Genomics and Proteomics Technologies, Raghavachari R, Tan W,

Editors. Proceedings of SPIE 2001, 4264:53-58). IgLκ and IgLλ PCR:s both contained 75 mM Tris (pH 8.8), 20 mM $(NH_4)_2SO_4$, 0.1% Tween 20, 1 U of JumpStart ™ Taq DNA polymerase (with antibody) (Sigma-Aldrich) and 200 ng/μL of BSA. Specific components for the IgLκ PCR were 5mM $MgCl_2$, 0.2mM deoxyribonucleotides (Sigma-Aldrich), 800nM of each primer (MedProbe) and 800nM IgLκLUP, and for the IgLλ PCR 3.5 mM $MgCl_2$, 0.4mM deoxyribonucleotides, 600nM of each primer and 600 nM IgLλLUP. Primer sequences were for IGLκ 5'-TGA GCA AAG CAG ACT ACG AGA-3' (forward) (~~SEQ. ID. NO.1~~ **SEQ ID NO: 7**) and 5'-GGG GTG AGG TGA AAG ATG AG-3' (reverse) (~~SEQ. ID. NO.2~~ **SEQ ID NO: 8**), and for IgLλ 5'-GAG CCT GAC GCC TGA G-3'(forward) (~~SEQ. ID. NO.3~~ **SEQ ID NO: 9**) and 5'-ATT GAG GGT TTA TTG AGT GCA G-3' (reverse) (~~SEQ.ID.NO.4~~ **SEQ ID NO: 10**).

Please delete the paragraph on page 20, lines 17-20, and replace it with the following paragraph:

Primers used in the BCR-ABL reaction were GCATTCCGCTGACCATCAATA **(SEQ ID NO: 11)** (b2a2-s), TCCAACGAGCGGCTTCAC **(SEQ ID NO: 12)** (b2a2-as) and CCACTGGATTAGCAGAGTTCAA **(SEQ ID NO: 13)** (b3a2-s). The sequence specific probe used was FAM-CAGCGGCCAGTAGCATCTGCTTTGA-BHQ1 **(SEQ ID NO: 14)**.

Please delete the paragraph on page 20, lines 22-25, and replace it with the following paragraph:

Primers used in the GAPDH reaction CAACTGGGACGACTGGAGA **(SEQ ID NO: 15)** (GAPDH-s) and GAAGATGGTGATGGGATTTC **(SEQ ID NO: 16)** (GAPDH-as) and FAM-CAAGCTTCCCGTTCTCAGCC-DQ **(SEQ ID NO: 17)** or FAM-CAAGCTTCCCGTTCTCAGCC-BHQ1 **(SEQ ID NO: 18)** was used as sequence specific probe.

Please delete the paragraph on page 21, lines 16-20, and replace it with the following paragraph:

Primers used in the BCR-ABL reaction were GCATTCCGCTGACCATCAATA **(SEQ ID NO: 11)** (b2a2-s), TCCAACGAGCGGCTTCAC **(SEQ ID NO: 12)** (b2a2-as) and CCACTGGATTAGCAGAGTTCAA **(SEQ ID NO: 13)** (b3a2-s). Primers used in the GAPDH reaction were CAACTGGGACGACTGGAGA **(SEQ ID NO: 15)** (GAPDH-s) and GAAGATGGTGATGGGATTTC **(SEQ ID NO: 16)** (GAPDH-as).